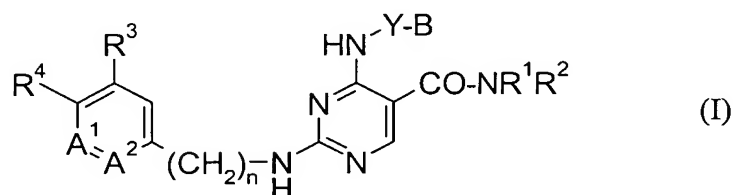


## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

### LISTING OF CLAIMS:

1. (original): A STAT 6 activation inhibitor which comprises a diaminopyrimidinecarboxamide derivative represented by a formula (I) or a salt thereof and a pharmaceutically acceptable carrier,



(symbols in the formula have the following meanings:

A<sup>1</sup>: CR<sup>5</sup> or N,

R<sup>5</sup>: -H, -lower alkyl, -O-lower alkyl or -halogen,

A<sup>2</sup>: CR<sup>6</sup> or N,

R<sup>6</sup>: -H or -halogen,

R<sup>3</sup>: -R<sup>0</sup>, -lower alkyl substituted with halogen, -halogen,

-OR<sup>0</sup>, -S-lower alkyl, -CO-lower alkyl, -CO<sub>2</sub>-lower alkyl,

-lower alkylene-OH, -hetero ring, -O-hetero ring, -N(R<sup>0</sup>)-hetero ring, -lower alkylene-hetero ring, -O-lower alkylene-hetero ring, -S-lower alkylene-hetero ring, -SO-lower alkylene-hetero ring, -SO<sub>2</sub>-lower alkylene-hetero ring, -N(R<sup>0</sup>)-lower alkylene-hetero ring, -lower alkylene-CO-

hetero ring, -lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -SO<sub>2</sub>-N(R<sup>0</sup>)-lower alkyl or -lower alkylene-N(R<sup>0</sup>)-CO<sub>2</sub>-lower alkylene-phenyl,

R<sup>0</sup>: the same or different from one another, and each is H or a lower alkyl,

n: 0 or 2,

R<sup>4</sup>: (i) when n = 2, -R<sup>0</sup>, -lower alkyl substituted with

halogen, -OR<sup>0</sup>, -N(R<sup>0</sup>)-CHO, -N(R<sup>0</sup>)-CO-lower alkyl or -N(R<sup>0</sup>)-SO<sub>2</sub>-lower alkyl,

(ii) when n = 0, -H, -lower alkyl substituted with

halogen, -OH, -NH-CHO, -CON(R<sup>0</sup>)<sub>2</sub>, -lower alkylene substituted with halogen-OH, -lower alkylene-NH<sub>2</sub>, -lower alkylene-NHCONH<sub>2</sub>, -lower alkylene-CO<sub>2</sub>H, -lower alkylene-CO<sub>2</sub>-lower alkyl, -lower alkylene-CN, or -CH(lower alkylene-OH)<sub>2</sub>, or a group represented by a formula -X<sup>a</sup>-R<sup>4a</sup>,

X<sup>a</sup>: single bond, -O-, -CO-, -S-, -SO<sub>2</sub>-, -N(R<sup>0</sup>)-, -N(R<sup>0</sup>)CO-, -N(R<sup>0</sup>)SO<sub>2</sub>-, -lower alkylene-O-, -lower alkylene-N(R<sup>0</sup>)-, -lower alkylene-N(R<sup>0</sup>)CO-, -lower alkylene-N(R<sup>0</sup>)SO<sub>2</sub>-, -lower alkylene-N(R<sup>0</sup>)CO<sub>2</sub>-, -N(CO-R<sup>0</sup>)-, -N(SO<sub>2</sub>-lower alkyl)-, -CON(R<sup>0</sup>)-, -lower alkylene-O-CO-, -lower alkenylene-CO-, -lower alkenylene-CON(R<sup>0</sup>)-, -lower alkenylene-CO<sub>2</sub>-, -O-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -N(R<sup>0</sup>)-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -CO-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -CON(R<sup>0</sup>)-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>- or -N(R<sup>0</sup>)CO-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-,

k and m, the same or different from each other, and each is 0, 1, 2, 3 or 4,

R<sup>4a</sup>: lower alkyl, phenyl, hetero ring, cycloalkyl, lower alkylene-phenyl, lower alkylene-hetero ring, lower alkylene-OH, lower alkenyl, lower alkenylene-phenyl or lower alkenylene-hetero ring,

wherein the hetero rings in  $R^3$  and  $R^{4a}$  may be substituted with 1 to 5 of lower alkyl, halogen,  $-OR^0$ ,  $-S$ -lower alkyl,  $-S(O)$ -lower alkyl,  $-SO_2$ -lower alkyl, lower alkylene- $OR^0$ ,  $-N(R^0)_2$ ,  $-CO_2R^0$ ,  $-CON(R^0)_2$ ,  $-CN$ ,  $-CHO$ ,  $-SO_2N(R^0)_2$ ,  $-N(R^0)-SO_2$ -lower alkyl,  $-N(R^0)-CO-N(R^0)_2$ ,  $-N(R^0)-CO_2$ -lower alkyl,  $-N(R^0)-CO_2$ -cycloalkyl,  $-NH-C(=NH)-NH$ -lower alkyl,  $-NH-C(=N-CN)-NH$ -lower alkyl, hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH),  $-lower\ alkylene-NH-C(=NN)-NH_2$ ,  $-O$ -phenyl,  $-CO$ -phenyl,  $-N(R^0)-CO$ -lower alkyl,  $-N(R^0)-CO$ -lower alkylene- $N(R^0)_2$ ,  $-lower\ alkylene-N(R^0)-CO$ -lower alkylene- $N(R^0)_2$ ,  $-CO-N(R^0)-lower\ alkylene-N(R^0)_2$ ,  $-CO$ -lower alkylene- $N(R^0)_2$ ,  $-CO$ -lower alkylene- $CO_2R^0$ ,  $-lower\ alkylene-N(R^0)_2$ ,  $-lower\ alkylene-CO_2R^0$ ,  $-lower\ alkylene-CO-N(R^0)_2$ ,  $-lower\ alkylene-N(R^0)-CO$ -lower alkyl,  $-lower\ alkylene-N(R^0)-CO_2$ -lower alkyl,  $-lower\ alkylene-N(R^0)-SO_2$ -lower alkyl,  $-lower\ alkylene$ -hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH),  $-lower\ alkylene-O$ -lower alkylene-phenyl,  $=N-O-R^0$  or oxo, and phenyl and cycloalkyl may be substituted with 1 to 5 of lower alkyl, OH,  $O$ -lower alkyl or  $N(R^0)_2$ , and wherein the lower alkylene in  $R^3$ ,  $R^4$ ,  $R^{4a}$  and  $X^a$  may be substituted with 1 to 5 of  $-OR^0$ ,  $-CO_2R^0$ ,  $-CON(R^0)_2$ ,  $-N(R^0)_2$ ,  $-N(R^0)COR^0$  or hetero ring, or  $R^3$  and  $R^4$  may together form  $*-N(R^7)-(CH_2)_2-$ ,  $*(CH_2)_2-N(R^7)-$ ,  $*-CH_2-N(R^7)-CH_2-$ ,  $*-N(R^7)-(CH_2)_3-$ ,  $*(CH_2)_3-N(R^7)-$ ,  $*-CH_2-N(R^7)-(CH_2)_2-$ ,  $*(CH_2)_2-N(R^7)-CH_2-$ ,  $*-C(O)-N(R^7)-(CH_2)_2-$ ,  $*(CH_2)_2-N(R^7)-C(O)-$ ,  $*-N(R^7)-CH=CH-$ ,  $*-CH=CH-N(R^7)-$ ,

\*-N=CH-CH=CH-, \*-CH=N-CH=CH-, \*-CH=CH-N=CH-, \*-CH=CH-CH=N-, \*-N=CH-CH=N-, \*-CH=N-N=CH-, \*-N(R<sup>7</sup>)-N=CH-, \*-CH=N-N(R<sup>7</sup>)-, \*-O-CH<sub>2</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>3</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-, \*-(CH<sub>2</sub>)<sub>2</sub>-C(O)-, \*-CH=CH-C(O)-O- or \*-N=C(CF<sub>3</sub>)-NH-,

wherein \* indicates bonding to the position shown by R<sup>3</sup>,

R<sup>7</sup>: -H, -lower alkyl or -CO-lower alkyl,

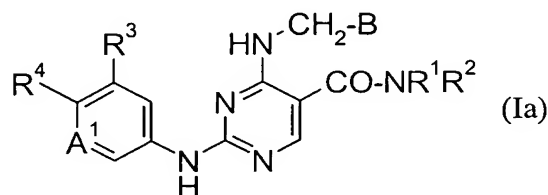
B: H, lower alkenyl, lower alkynyl, lower alkyl substituted with halogen, CN, S-lower alkyl, aryl which may have a substituent(s), cycloalkyl which may have a substituent(s) or hetero ring which may have a substituent(s),

Y: single bond; or lower alkylene which may be substituted with 1 to 5 groups selected from halogen, OH, O-lower alkyl, -NH<sub>2</sub>, -NH-lower alkyl and -N(lower alkyl)<sub>2</sub>, and

R<sup>1</sup> and R<sup>2</sup>: the same or different from each other, and each represents H, lower alkyl or O-lower alkyl which may have a substituent(s)).

2. (original): The STAT 6 activation inhibitor described in claim 1, which is a Th2 cell differentiation inhibitor.

3. (original): A diaminopyrimidinecarboxamide derivative represented by a formula (Ia) or a salt thereof,



(symbols in the formula have the following meanings:

A<sup>1</sup>: CR<sup>5</sup> or N,

R<sup>5</sup>: -H, -lower alkyl, -O-lower alkyl or -halogen,

R<sup>3</sup>: -R<sup>0</sup>, -lower alkyl substituted with halogen, -halogen,

-OR<sup>0</sup>, -S-lower alkyl, -CO-lower alkyl, -CO<sub>2</sub>-lower alkyl,

-lower alkylene-OH, -saturated hetero ring, -X<sup>b</sup>-heteroaryl, -X<sup>b</sup>-saturated hetero ring, -X<sup>b</sup>-heteroaryl, -lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -SO<sub>2</sub>-N(R<sup>0</sup>)-lower alkyl or -lower alkylene-N(R<sup>0</sup>)-CO<sub>2</sub>-lower alkylene-phenyl,

X<sup>b</sup>: -lower alkylene-, -O-lower alkylene-, -S-lower alkylene-, -SO-lower alkylene-, -SO<sub>2</sub>-lower alkylene-,

-N(R<sup>0</sup>)-lower alkylene- or -lower alkylene-CO-,

R<sup>0</sup>: the same or different from one another, and each represents H or a lower alkyl,

R<sup>4</sup>: -X<sup>a</sup>-saturated hetero ring, -lower alkylene-saturated hetero ring or -lower alkenylene-saturated hetero ring,

X<sup>a</sup>: single bond, -O-, -CO-, -S-, -SO<sub>2</sub>-, -N(R<sup>0</sup>)-,  
-N(R<sup>0</sup>)CO-, -N(R<sup>0</sup>)SO<sub>2</sub>-, -lower alkylene-O-, -lower alkylene-N(R<sup>0</sup>)-, -lower alkylene-N(R<sup>0</sup>)CO-  
or -lower alkylene-N(R<sup>0</sup>)SO<sub>2</sub>-, -lower alkylene-N(R<sup>0</sup>)CO<sub>2</sub>-, -N(CO-R<sup>0</sup>)-, -N(SO<sub>2</sub>-lower alkyl)-, -  
CON(R<sup>0</sup>)-, -lower alkylene-O-CO-, -lower alkenylene-CO-, -lower alkenylene-CON(R<sup>0</sup>)-, -lower  
alkenylene-CO<sub>2</sub>-, -O-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -N(R<sup>0</sup>)-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -  
CO-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -CON(R<sup>0</sup>)-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>- or -N(R<sup>0</sup>)CO-  
(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-,

k and m: the same or different from each other, and each is 0, 1, 2, 3 or 4,

wherein the saturated hetero rings in R<sup>3</sup> and R<sup>4a</sup> may be substituted with 1 to 5 of lower alkyl, halogen, -OR<sup>0</sup>,

-S-lower alkyl, -S(O)-lower alkyl, -SO<sub>2</sub>-lower alkyl, lower alkylene-OR<sup>0</sup>, -N(R<sup>0</sup>)<sub>2</sub>, -CO<sub>2</sub>R<sup>0</sup>, -CON(R<sup>0</sup>)<sub>2</sub>, -CN, -CHO,  
-SO<sub>2</sub>N(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)-SO<sub>2</sub>-lower alkyl, -N(R<sup>0</sup>)-CO-N(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)-CO<sub>2</sub>-lower alkyl, -N(R<sup>0</sup>)-CO<sub>2</sub>-cycloalkyl, -NH-C(=NH)-NH-lower alkyl, -NH-C(=N-CN)-NH-lower alkyl, saturated hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH), heteroaryl, -lower alkylene-NH-C(=NN)-NH<sub>2</sub>,  
-O-phenyl, -CO-phenyl, -N(R<sup>0</sup>)-CO-lower alkyl, -N(R<sup>0</sup>)-CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-N(R<sup>0</sup>)-CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-N(R<sup>0</sup>)-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-lower alkylene-CO<sub>2</sub>R<sup>0</sup>,  
-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-CO<sub>2</sub>R<sup>0</sup>, -lower alkylene-CO-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-N(R<sup>0</sup>)-CO-lower alkyl,  
-lower alkylene-N(R<sup>0</sup>)-CO<sub>2</sub>-lower alkyl, -lower alkylene-N(R<sup>0</sup>)-SO<sub>2</sub>-lower alkyl, -lower alkylene-hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH),  
-lower alkylene-O-lower alkylene-phenyl, =N-O-R<sup>0</sup> or oxo, and phenyl and cycloalkyl may be substituted with 1 to 5 of lower alkyl, OH, O-lower alkyl or N(R<sup>0</sup>)<sub>2</sub>, and  
wherein the lower alkylene in R<sup>3</sup>, R<sup>4</sup> and X<sup>a</sup> may be substituted with 1 to 5 of -OR<sup>0</sup>, -CO<sub>2</sub>R<sup>0</sup>, -CON(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)COR<sup>0</sup> or hetero ring, or  
R<sup>3</sup> and R<sup>4</sup> may together form \*-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-, \*-CH<sub>2</sub>-N(R<sup>7</sup>)-CH<sub>2</sub>-, \*-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>3</sub>-,  
\*-(CH<sub>2</sub>)<sub>3</sub>-N(R<sup>7</sup>)-, \*-CH<sub>2</sub>-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-CH<sub>2</sub>-,  
\*-C(O)-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-C(O)-, \*-N(R<sup>7</sup>)-CH=CH-, \*-CH=CH-N(R<sup>7</sup>)-, \*-N=CH-CH=CH-, \*-CH=N-CH=CH-,

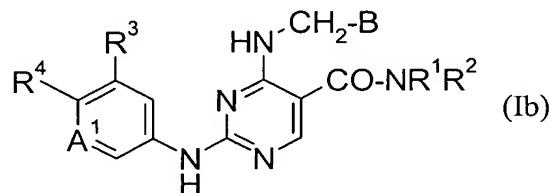
\*-CH=CH-N=CH-, \*-CH=CH-CH=N-, \*-N=CH-CH=N-, \*-CH=N-N=CH-, \*-N(R<sup>7</sup>)-N=CH-, \*-CH=N-N(R<sup>7</sup>)-, \*-O-CH<sub>2</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-O-,  
\*-O-(CH<sub>2</sub>)<sub>3</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-, \*-(CH<sub>2</sub>)<sub>2</sub>-C(O)-, \*-CH=CH-C(O)-O- or \*-N=C(CF<sub>3</sub>)-NH-,  
wherein \* indicates bonding to the position shown by R<sup>3</sup>,

R<sup>7</sup>: -H, -lower alkyl or -CO-lower alkyl,

B: aryl which may have a substituent(s) or heteroaryl which may have a substituent(s), and

R<sup>1</sup> and R<sup>2</sup>: the same or different from each other, and each represents H, lower alkyl or O-lower alkyl which may have a substituent(s)).

4. (original): A diaminopyrimidinecarboxamide derivative represented by a formula (Ib) or a salt thereof,



(symbols in the formula have the following meanings:

A<sup>1</sup>: CR<sup>5</sup> or N,

R<sup>5</sup>: -H, -lower alkyl, -O-lower alkyl or -halogen,

R<sup>3</sup>: -saturated hetero ring or -X<sup>b</sup>-saturated hetero ring,

X<sup>b</sup>: -lower alkylene-, -O-, -N(R<sup>0</sup>)-, -O-lower alkylene-, -S-lower alkylene-, -SO-lower alkylene-, -SO<sub>2</sub>-lower alkylene-, -N(R<sup>0</sup>)-lower alkylene- or -lower alkylene-CO-,

R<sup>0</sup>: the same or different from one another, and each represents H or a lower alkyl,

$R^4$ : -H, -lower alkyl substituted with halogen, -OH, -NH-CHO, -CON( $R^0$ )<sub>2</sub>, -lower alkylene substituted with

halogen-OH, -lower alkylene-NH<sub>2</sub>, -lower alkylene-NHCONH<sub>2</sub>,

-lower alkylene-CO<sub>2</sub>H, -lower alkylene-CO<sub>2</sub>-lower alkyl,

-lower alkylene-CN, -CH(lower alkylene-OH)<sub>2</sub> or -X<sup>a</sup>-R<sup>4a</sup>,

X<sup>a</sup>: single bond, -O-, -CO-, -S-, -SO<sub>2</sub>-, -N( $R^0$ )-,

-N( $R^0$ )CO-, -N( $R^0$ )SO<sub>2</sub>-, -lower alkylene-O-, -lower alkylene-N( $R^0$ )-, -lower alkylene-N( $R^0$ )CO-

or -lower alkylene-N( $R^0$ )SO<sub>2</sub>-, -lower alkylene-N( $R^0$ )CO<sub>2</sub>-, -N(CO- $R^0$ )-, -N(SO<sub>2</sub>-lower alkyl)-, -

CON( $R^0$ )-, -lower alkylene-O-CO-, -lower alkenylene-CO-, -lower alkenylene-CON( $R^0$ )-, -lower

alkenylene-CO<sub>2</sub>-, -O-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -N( $R^0$ )-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -

CO-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-, -CON( $R^0$ )-(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>- or -N( $R^0$ )CO-

(CH<sub>2</sub>)<sub>k</sub>-cycloalkylene-(CH<sub>2</sub>)<sub>m</sub>-,

k and m: the same or different from each other, and each is 0, 1, 2, 3 or 4,

R<sup>4a</sup>: lower alkyl, phenyl, heteroaryl, cycloalkyl, lower alkylene-phenyl, lower alkylene-heteroaryl, lower alkylene-OH, lower alkenyl, lower alkenylene-phenyl or lower alkenylene-heteroaryl,

wherein the saturated hetero ring and heteroaryl in R<sup>3</sup> and R<sup>4a</sup> may be substituted with 1 to 5 of lower alkyl, halogen, -OR<sup>0</sup>, -S-lower alkyl, -S(O)-lower alkyl, -SO<sub>2</sub>-lower alkyl, lower alkylene-OR<sup>0</sup>, -N( $R^0$ )<sub>2</sub>, -CO<sub>2</sub>R<sup>0</sup>, -CON( $R^0$ )<sub>2</sub>, -CN, -CHO, -SO<sub>2</sub>N( $R^0$ )<sub>2</sub>, -N( $R^0$ )-SO<sub>2</sub>-lower alkyl, -N( $R^0$ )-CO-N( $R^0$ )<sub>2</sub>, -N( $R^0$ )-CO<sub>2</sub>-lower alkyl, -N( $R^0$ )-CO<sub>2</sub>-cycloalkyl, -NH-C(=NH)-NH-lower alkyl, -NH-C(=N-CN)-NH-lower alkyl, hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH), -lower alkylene-NH-C(=NN)-NH<sub>2</sub>, -O-phenyl,



-CO-phenyl, -N(R<sup>0</sup>)-CO-lower alkyl, -N(R<sup>0</sup>)-CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-N(R<sup>0</sup>)-CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-N(R<sup>0</sup>)-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -CO-lower alkylene-CO<sub>2</sub>R<sup>0</sup>, -lower alkylene-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-CO<sub>2</sub>R<sup>0</sup>, -lower alkylene-CO-N(R<sup>0</sup>)<sub>2</sub>, -lower alkylene-N(R<sup>0</sup>)-CO-lower alkyl, -lower alkylene-N(R<sup>0</sup>)-CO<sub>2</sub>-lower alkyl, -lower alkylene-N(R<sup>0</sup>)-SO<sub>2</sub>-lower alkyl, -lower alkylene-hetero ring (said hetero ring may be substituted with 1 to 5 substituents selected from lower alkyl, OH and lower alkylene-OH), -lower alkylene-O-lower alkylene-phenyl, =N-O-R<sup>0</sup> or oxo, and phenyl and cycloalkyl may be substituted with 1 to 5 of lower alkyl, OH, O-lower alkyl or N(R<sup>0</sup>)<sub>2</sub>, or

the lower alkylene in R<sup>3</sup>, R<sup>4</sup>, R<sup>4a</sup> and X<sup>a</sup> may be substituted with 1 to 5 of -OR<sup>0</sup>, -CO<sub>2</sub>R<sup>0</sup>, -CON(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)<sub>2</sub>, -N(R<sup>0</sup>)COR<sup>0</sup> or hetero ring, or

R<sup>3</sup> and R<sup>4</sup> may together form \*-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-, \*-CH<sub>2</sub>-N(R<sup>7</sup>)-CH<sub>2</sub>-, \*-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>3</sub>-,

\*-(CH<sub>2</sub>)<sub>3</sub>-N(R<sup>7</sup>)-, \*-CH<sub>2</sub>-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-CH<sub>2</sub>-,

\*-C(O)-N(R<sup>7</sup>)-(CH<sub>2</sub>)<sub>2</sub>-, \*-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-C(O)-, \*-N(R<sup>7</sup>)-CH=CH-, \*-CH=CH-N(R<sup>7</sup>)-, \*-N=CH-CH=CH-, \*-CH=N-CH=CH-, \*-CH=CH-N=CH-, \*-CH=CH-CH=N-, \*-N=CH-CH=N-, \*-CH=N-N=CH-, \*-N(R<sup>7</sup>)-N=CH-, \*-CH=N-N(R<sup>7</sup>)-, \*-O-CH<sub>2</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>3</sub>-O-, \*-O-(CH<sub>2</sub>)<sub>2</sub>-N(R<sup>7</sup>)-, \*-(CH<sub>2</sub>)<sub>2</sub>-C(O)-, \*-CH=CH-C(O)-O- or \*-N=C(CF<sub>3</sub>)-NH-, wherein \*

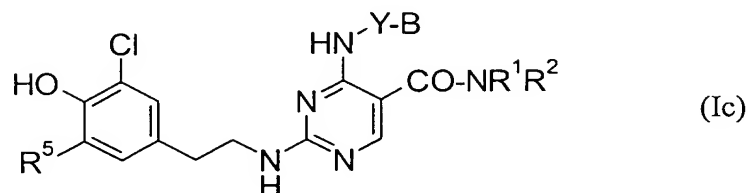
indicates bonding to the position shown by R<sup>3</sup>,

R<sup>7</sup>: -H, -lower alkyl or -CO-lower alkyl,

B: aryl which may have a substituent(s) or heteroaryl which may have a substituent(s), and

R<sup>1</sup> and R<sup>2</sup>: the same or different from each other, and each represents H, lower alkyl or O-lower alkyl which may have a substituent(s)).

5. (original): A diaminopyrimidinecarboxamide derivative represented by a formula (Ic) or a salt thereof,



(symbols in the formula have the following meanings:

R<sup>5</sup>: -H or -halogen,

B: phenyl which may have 1 to 3 substituents selected from lower alkyl and halogen,

Y: single bond or -CH<sub>2</sub>-, and

R<sup>1</sup> and R<sup>2</sup>: the same or different from each other, and each represents H or lower alkyl which may have a substituent(s)).

6. (currently amended): A diaminopyrimidinecarboxamide selected from the group consisting of 4-benzylamino-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide, 2-[(4-morpholin-4-ylphenyl)amino]-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 4-[(2,6-difluorobenzyl)amino]-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide, 4-[(2,6-difluorobenzyl)amino]-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide, 4-[(2-methoxybenzyl)amino]-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide, 4-[(2-fluoro-6-methoxybenzyl)amino]-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide, 2-({4-[(1-methylpiperidin-3-yl)oxy]phenyl} amino)-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 2-{[4-(1-azabicyclo[2.2.2]oct-3-

xyloxy)phenyl]amino}-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 2-[(4-methyl-3,4-dihydro-2H-1,4-benzoxazin-7-yl)amino]-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 2-({4-[4-(2-amino-2-oxoethyl)piperazin-1-yl]phenyl} amino)-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 2-{[4-(2-morpholin-4-ylethoxy)phenyl]amino}-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 2-{[4-( $\beta$ -D-glucopyranosyloxy)phenyl]amino}-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide, 4-benzylamino-2-{[2-(3-chloro-4-hydroxyphenyl)ethyl]amino}pyrimidine-5-carboxamide, 4-benzylamino-2-{[2-(3,5-dichloro-4-hydroxyphenyl)ethyl]amino}pyrimidine-5-carboxamide, 2-[(4-morpholin-4-ylphenyl)amino]-4-[(2-thienylmethyl)amino]pyrimidine-5-carboxamide, 4-{[(3-chloro-2-thienyl)methyl]amino}-2-[(4-morpholin-4-ylphenyl)amino]pyrimidine-5-carboxamide and 2-{[3-(2-morpholin-4-ylethyl)phenyl]amino}-4-[(2,3,6-trifluorobenzyl)amino]pyrimidine-5-carboxamide or salts thereof.

7. (original): A pharmaceutical composition which comprises the diaminopyrimidinecarboxamide derivative or a salt thereof described in claims 3 to 6 and a pharmaceutically acceptable carrier.

8. (original): The composition described in claim 7, which is a preventive or therapeutic agent for respiratory diseases.

9. (original): The composition described in claim 8, which is a preventive or therapeutic agent for asthma.

10. (original): The composition described in claim 8, which is a preventive or therapeutic agent for a chronic obstructive pulmonary disease.

11. (original): Use of a diaminopyrimidinecarboxamide derivative represented by the general formula (I) described in claim 1, or a salt thereof, for the manufacture of an STAT 6 activation inhibitor.

12. (original): Use of a diaminopyrimidinecarboxamide derivative represented by the general formula (I) described in claim 1, or a salt thereof, for the manufacture of a Th2 cell differentiation inhibitor.

13. (original): A method for inhibitory activity for STAT 6 activation, which comprises administering an effective amount of a diaminopyrimidinecarboxamide derivative represented by the general formula (I) described in claim 1, or a salt thereof, to a mammal.

14. (original): A method for inhibitory activity for Th2 cell differentiation, which comprises administering an effective amount of a diaminopyrimidinecarboxamide derivative represented by the general formula (I) described in claim 1, or a salt thereof, to a mammal.